

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For decades, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

BS-750 HD / BS-760 HD with Thermal Imager 88.9 MM HD BORESCOPE WITH 5.5 MM



Item no: 3556457 3556459

This product is a borescope. Use the product to perform optical troubleshooting and inspection on powered-down systems and facilities.

Item no. 3556459 has an additional built-in thermal imager. The goose neck camera is protected against water and dust ingress (IP67).

FEATURES

2600 mAh Li-ion battery for portable use //
HD 1MP camera resolution (1280 x 720 pixels) //
88.9 mm (3.5") IPS LCD display with 800 x 480 pixels resolution //
Image storage support via Micro SD Card //
1 m IP67 gooseneck camera with 5.5 mm camera head // 6 adjustable LEDs



TECHNICAL DATA

Main unit

Operating voltage	3.7 V 18650 Li-ion battery (2600 mAh)
Display	88.9 mm (3.5") IPS LCD
Resolution (monitor)	800 x 480 pixels
Video format	AVI
Photo format	JPG
Frame rate	25 fps
Digital zoom	×1, ×2, ×3
Charging time	≤ 3 hours
Operation time	2.5 hours

Auto power off (selectable)	5 minutes / 10 minutes / 20 minutes / never
Image storage	Micro SD Card support (up to 128 GB)
Data transmission	USB-C® interface
Operating temperature	0 to +45 °C
Operating humidity	< 85 % RH
Storage temperature	0 to +45 °C
Storage humidity	< 85 % RH
Dimensions (W x H x D)	70.9 x 127.9 x 38.6 mm
Weight	260 g

Snake camera

Exposure	Automatic
White balance	Automatic
Resolution (camera)	1280 x 720 pixels (1 MP)
Sensor type	1/9" HD CMOS sensor
Camera lighting	6 adjustable LEDs (1200 - 1400 lux)
Field of view (camera)	68°
Depth of field	40 - 80 mm (camera fixed focus)
Gooseneck length	1 m
Camera Ø	5.5 mm
Min. bend radius	45 mm
IP rating	IP67 (camera head and tube)

Built-in thermal imaging (Item no. 3556459)

Thermal measurement range	−10 to +600 °C
Thermal accuracy	±3 % or ±3 °C (whichever is larger)
Thermal palette options	Rainbow, icon red, white hot, black hot
Thermal imaging resolution	32 x 32 pixels
Field of view (thermal)	33° x 33°
Thermal sensitivity (NEDT)	140 mk (1 Hz) @ 25 °C
Thermal frame rate	≤ 6 Hz

CONTENTS

Main unit // Gooseneck camera // Hook // Mirror // Magnet // USB-C® cable // Storage case // Operating instructions

This is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92242 Hirschau (www.conrad.com).

All rights including translation reserved. Reproduction by any method (e.g. photocopying, microfilming or the capture in electronic data processing systems) requires prior written approval from the editor. Reprinting, also in part, is prohibited. This publication reflects the technical status at the time of printing.

Copyright by Conrad Electronic SE.

*3556457 3556459_V1_0426_en_ds 9007202169032715 I2/O1 en